Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030818\
Data File : VX000219.D
Acq On : 08 Mar 2018 12:56
Operator : JC/MD
Sample : J1833-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 08 13:31:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.04	128	21898	30.00	ug/l		0.01
28) 1,4-Difluorobenzene	6.87	114	130607	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	122435	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.08	65	55109	32.52	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 108.40%				
60) 4-Bromofluorobenzene	11.15	95	56226	28.07	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.57%				
63) Toluene-d8	8.73	98	161298	30.76	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 102.53%				
Target Compounds							Qvalue
15) Acetone	2.45	58	546	1.478	ug/l		77
18) Methylene Chloride	2.87	84	917	0.575	ug/l	#	87
51) Ethyl methacrylate	8.73	69	642	0.271	ug/l	#	68
55) 2-Chloroethyl vinyl ether	8.72	63	236	0.228	ug/l	#	1
56) Bromoform	11.15	173	672	0.482	ug/l	#	1
77) t-1,4-Dichloro-2-butene	11.15	75	32877	40.248	ug/l	#	11

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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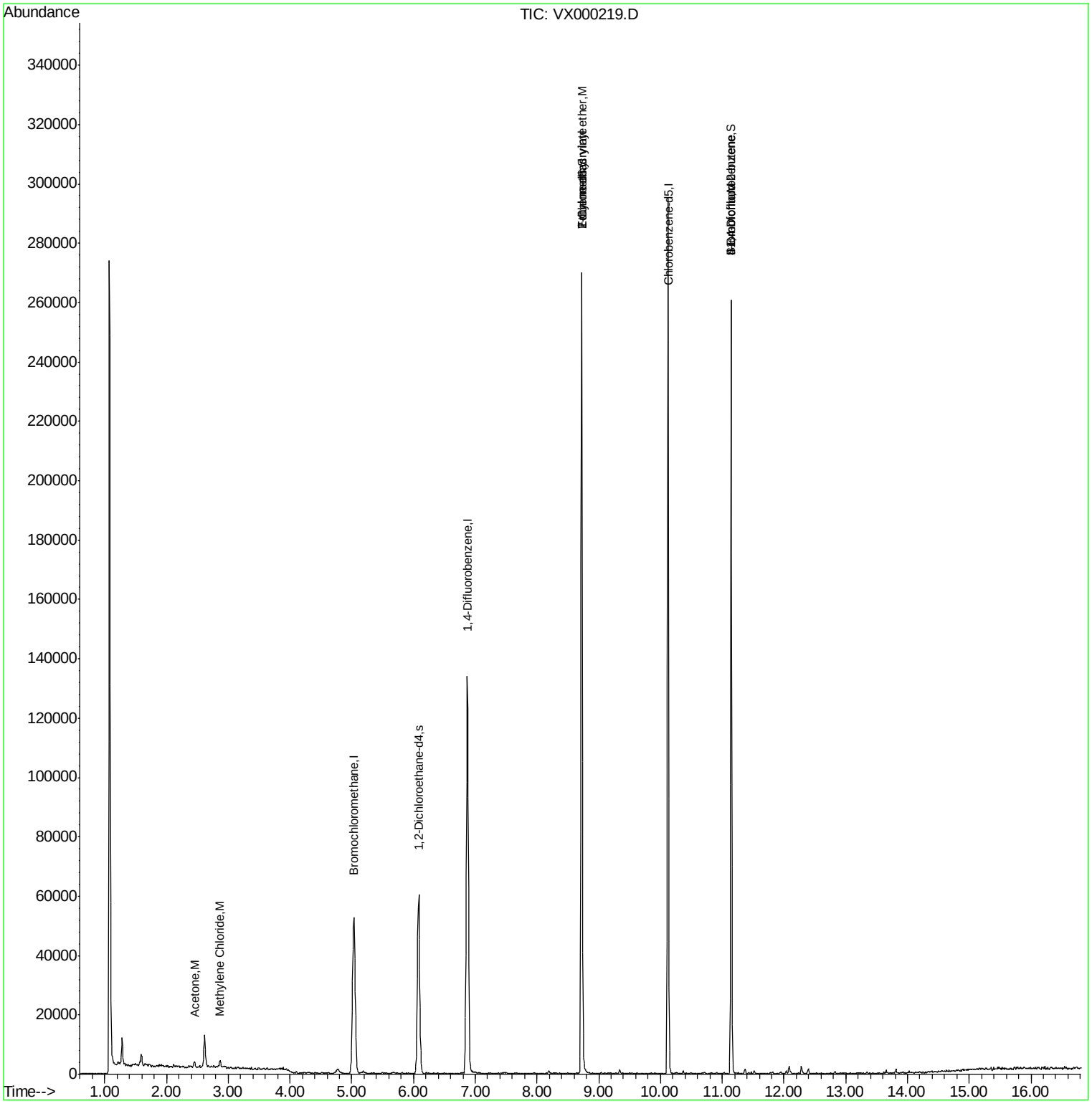
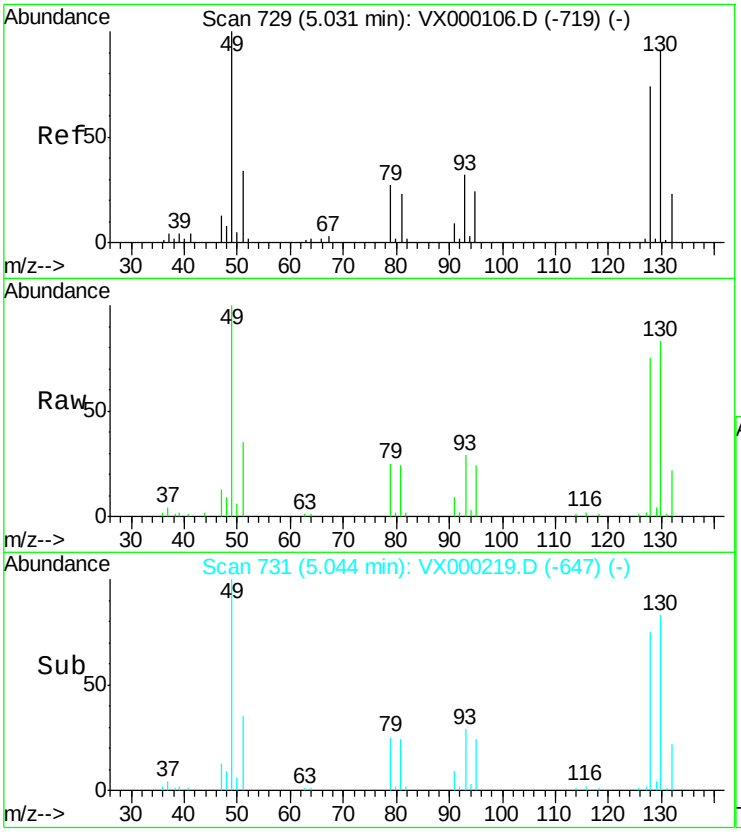


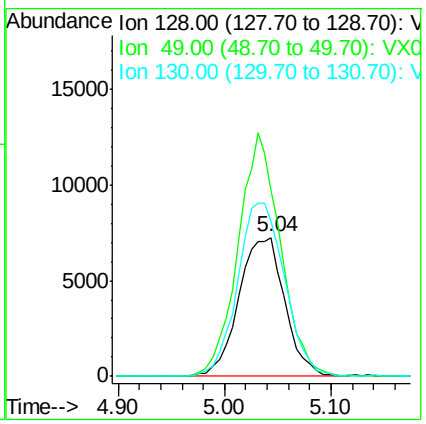


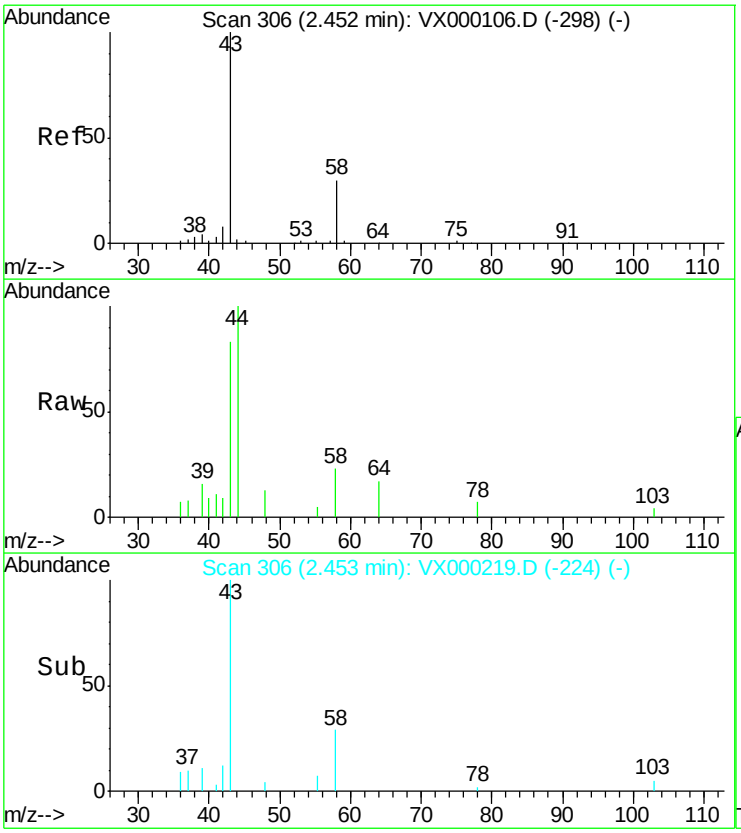
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.04 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 21898

Ion	Ratio	Lower	Upper
128	100		
49	161.2	0.0	378.3
130	127.9	0.0	324.3

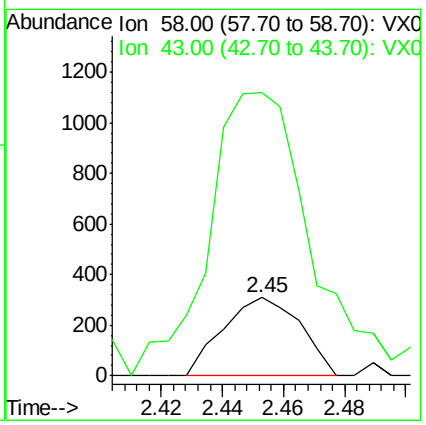


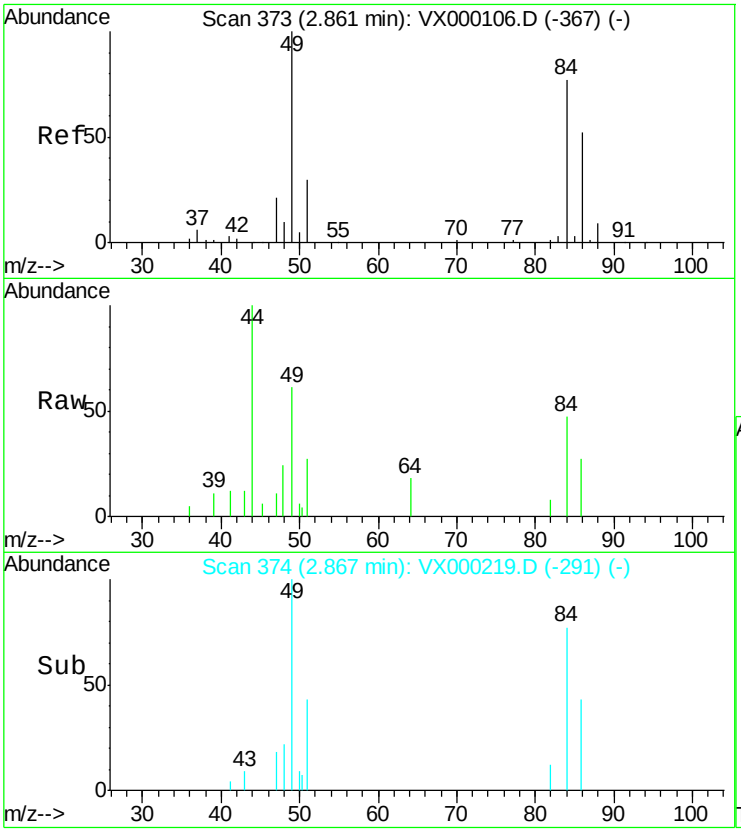


#15
Acetone
Concen: 1.478 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion: 58 Resp: 546

Ion	Ratio	Lower	Upper
58	100		
43	283.5	264.6	396.8



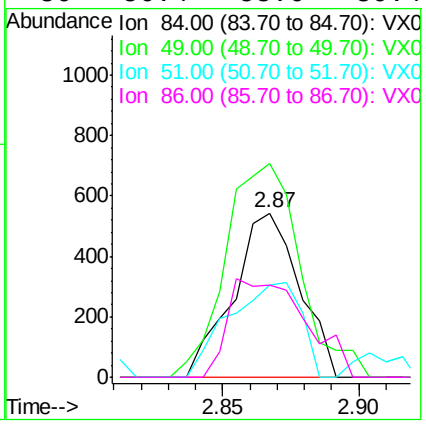


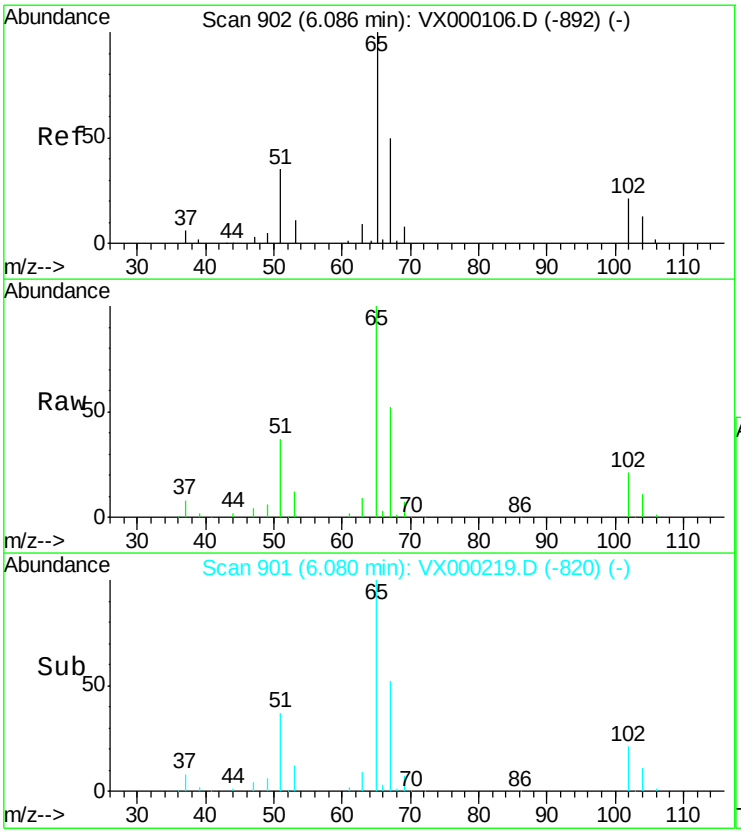
#18
Methylene Chloride
Concen: 0.575 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 917

Ion	Ratio	Lower	Upper
84	100		
49	120.2	103.3	154.9
51	56.4	31.2	46.8#
86	56.4	53.6	80.4

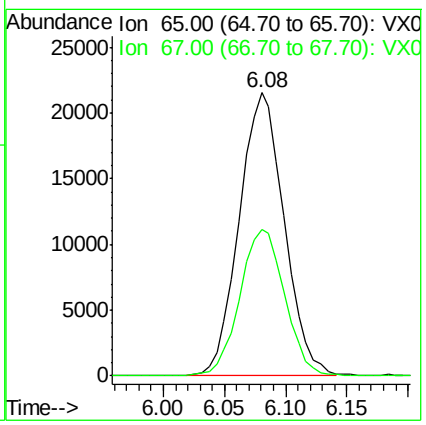


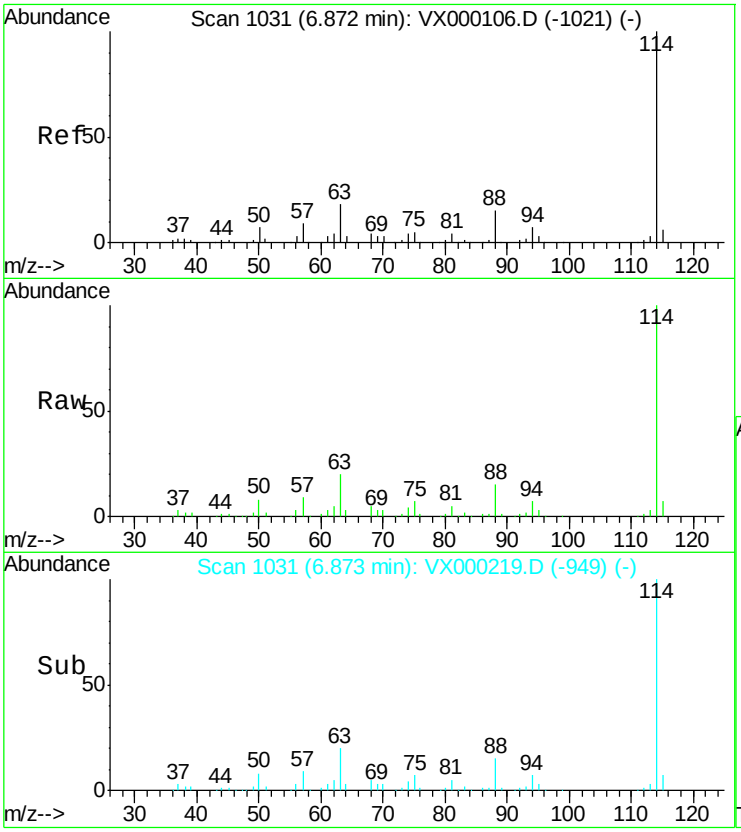


#27
1,2-Dichloroethane-d4
Concen: 32.517 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.01 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion: 65 Resp: 55109

Ion	Ratio	Lower	Upper
65	100		
67	51.6	41.4	62.2



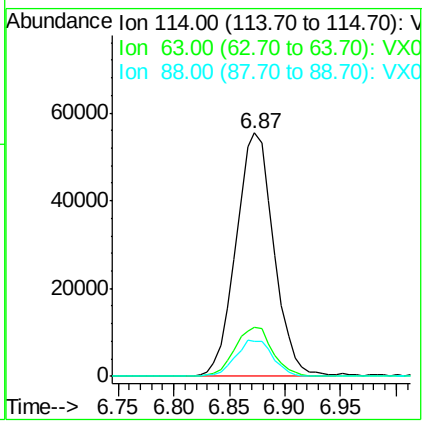


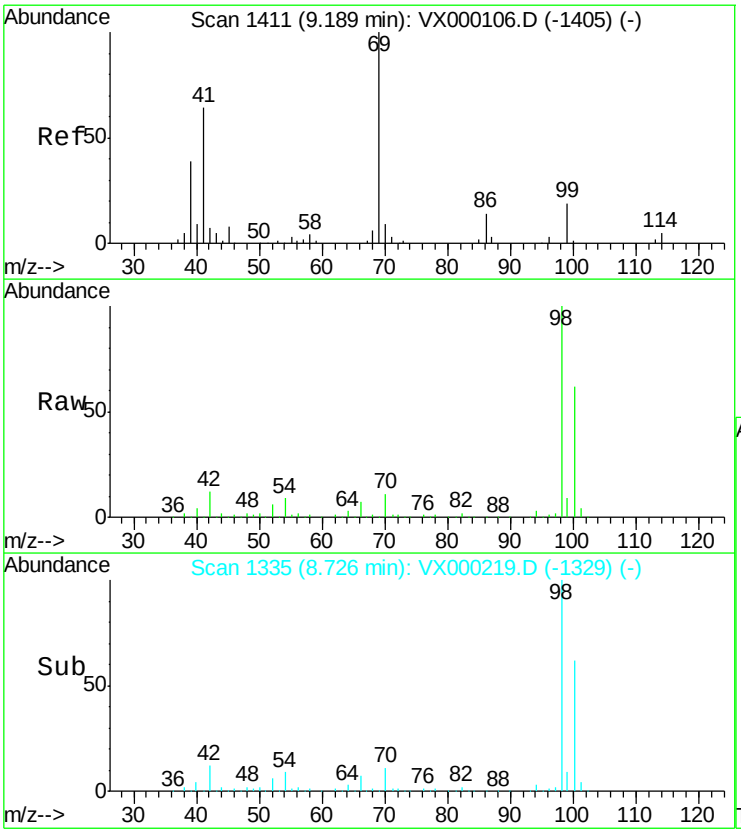
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 130607

Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.0	22.4
88	14.9	11.8	17.8

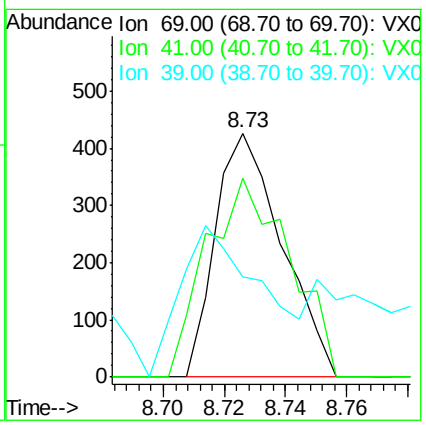


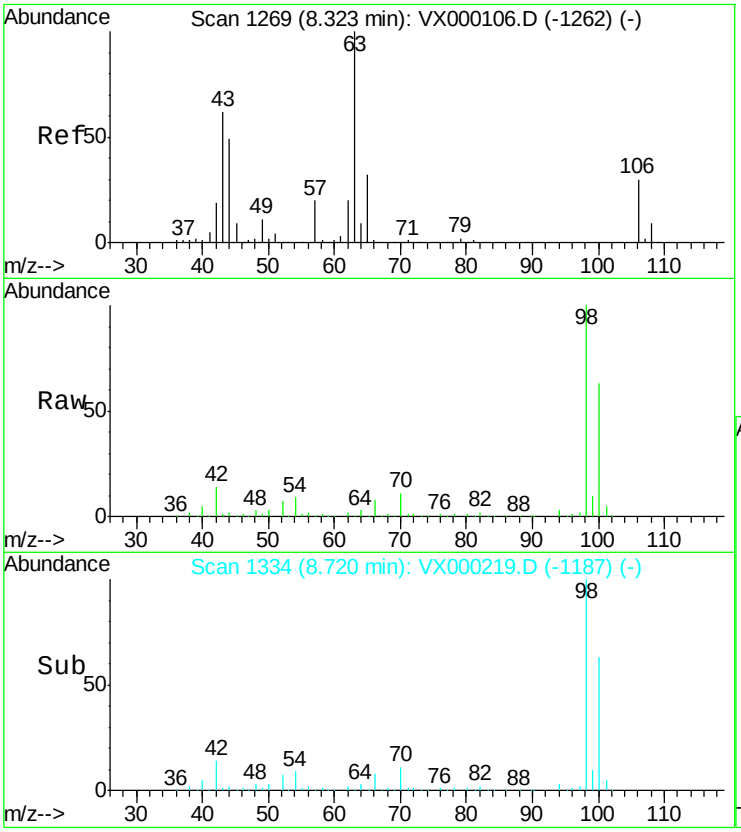


#51
Ethyl methacrylate
Concen: 0.271 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.46 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion: 69 Resp: 642

Ion	Ratio	Lower	Upper
69	100		
41	81.5	32.1	96.3
39	9.6	19.6	58.7#



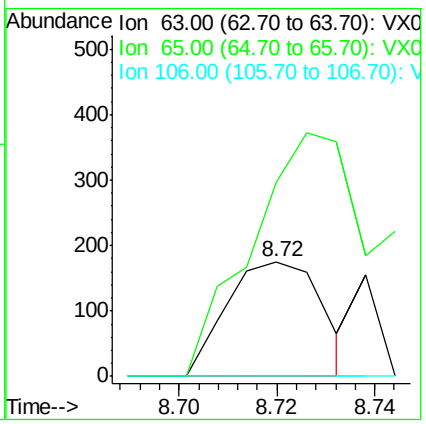


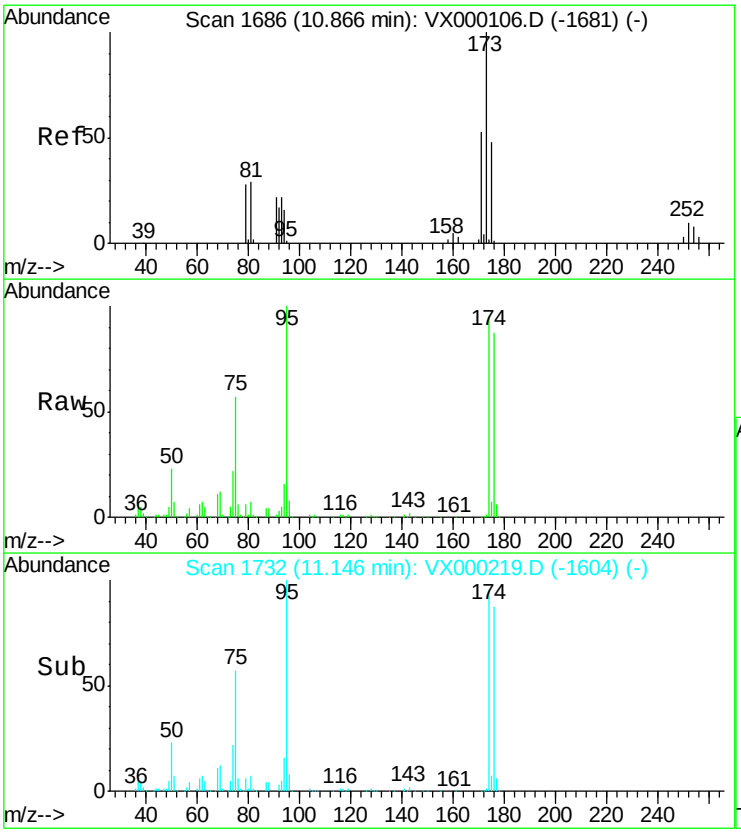
#55
2-Chloroethyl vinyl ether
Concen: 0.228 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.40 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 236

Ion	Ratio	Lower	Upper
63	100		
65	277.1	25.8	38.8#
106	0.0	23.8	35.6#

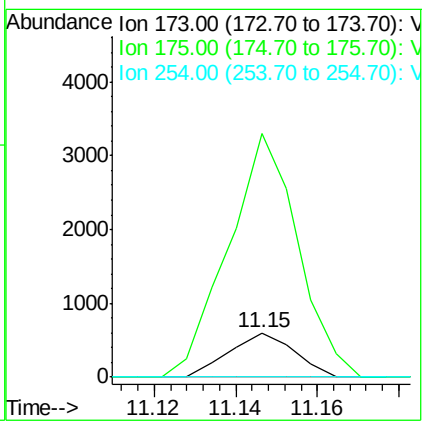


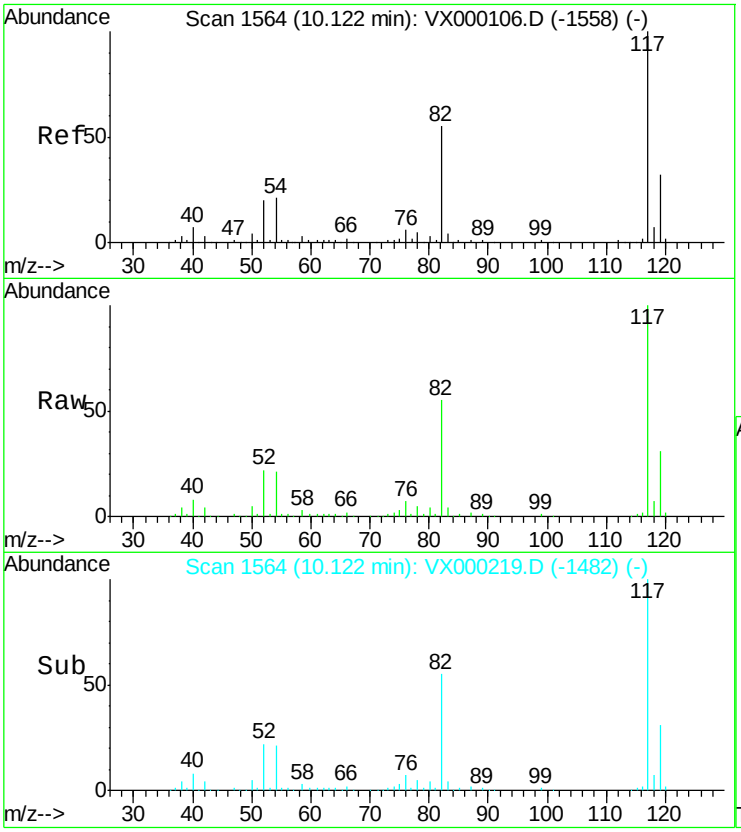


#56
Bromoform
Concen: 0.482 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.28 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion:173 Resp: 672

Ion	Ratio	Lower	Upper
173	100		
175	584.5	39.0	58.4#
254	0.0	7.0	10.4#



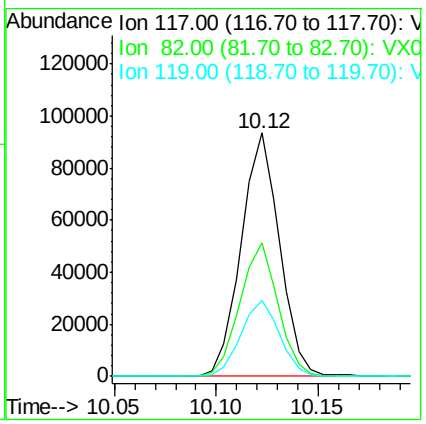


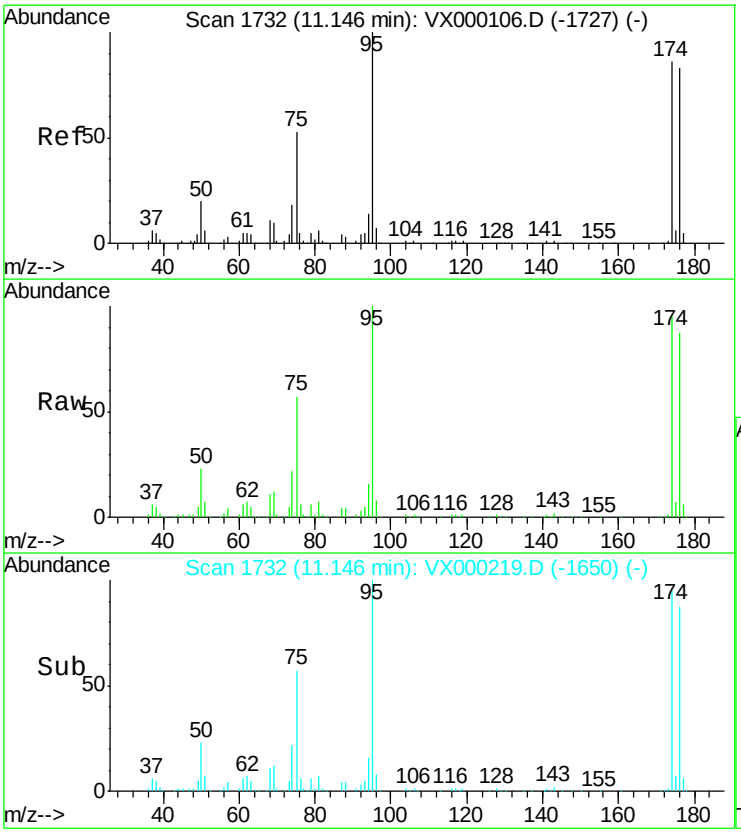
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 122435

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	31.8	25.8	38.8

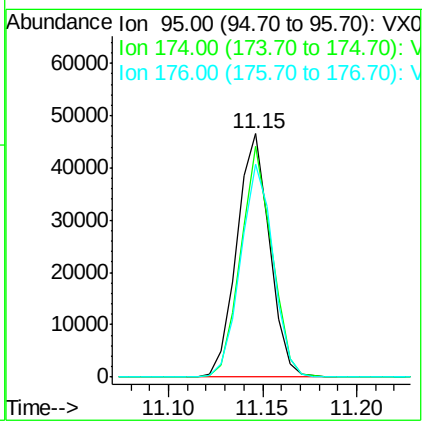


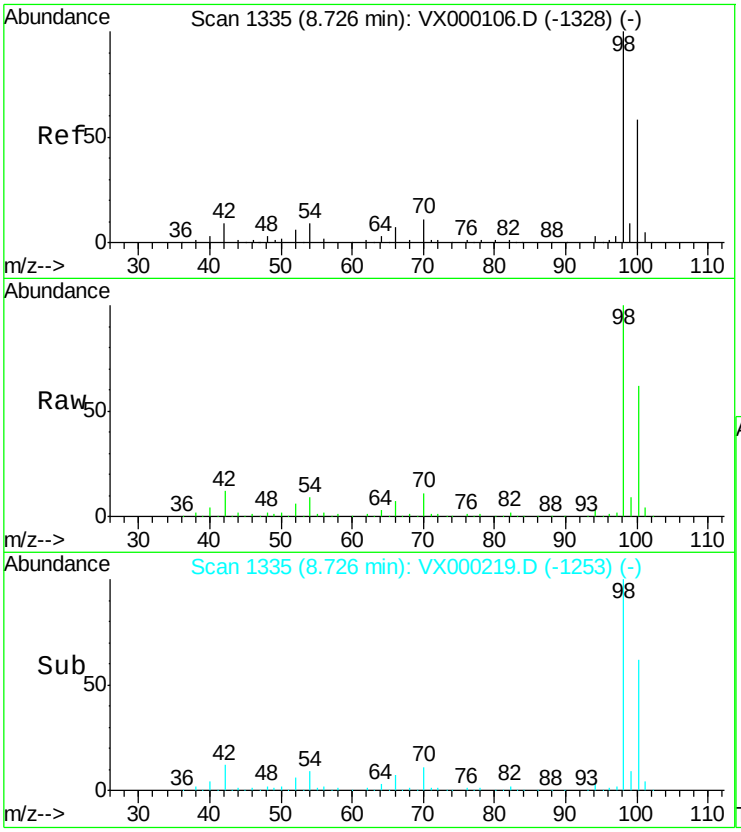


#60
4-Bromofluorobenzene
Concen: 28.071 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion: 95 Resp: 56226

Ion	Ratio	Lower	Upper
95	100		
174	90.2	71.1	106.7
176	86.8	69.3	103.9



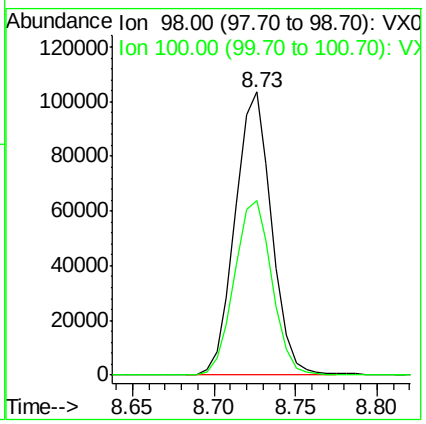


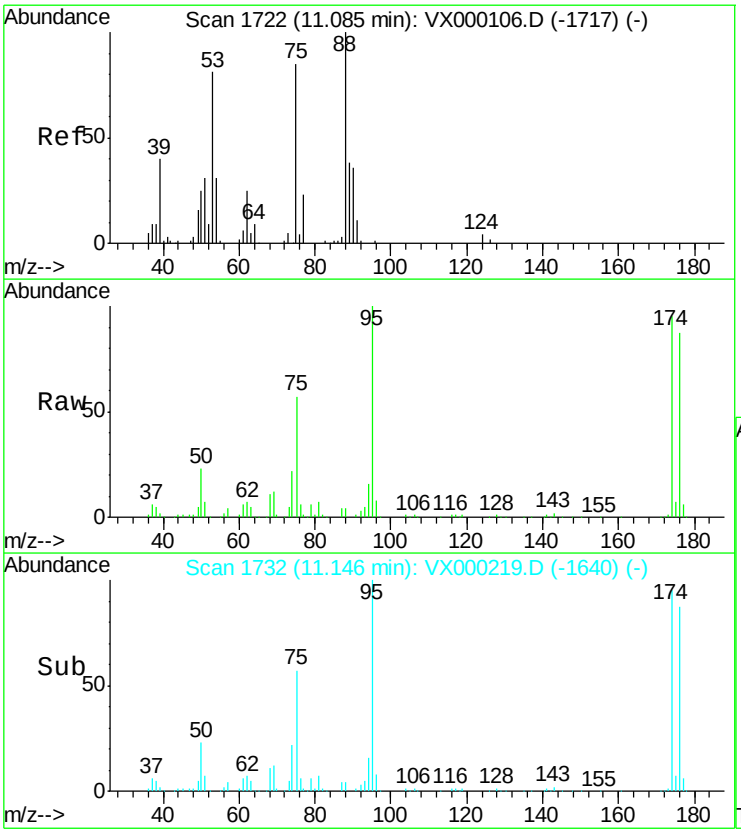
#63
Toluene-d8
Concen: 30.756 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 161298

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.0	75.0





#77
t-1,4-Dichloro-2-butene
Concen: 40.248 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion: 75 Resp: 32877

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.8	143.3#
89	0.0	22.3	66.8#